

**SECRET**

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NPIC/TSG/RED-287-70  
7 December 1970

MEMORANDUM FOR: Chief, Support Staff, NPIC

ATTENTION : [ ] Building Engineer

SUBJECT : Installation of a Scan & Search PI Station

1. The prototype Scan & Search PI Station being built under Contract [ ] is scheduled for delivery to Building [ ] in mid-December 1971. However, recent developments indicate that this date could possibly advance to mid-September 1971.

2. The instrument, to be located in the IEG area, will require special wiring (208 volt, 3 phase, 4 wire system, "Y" connection with neutral, 30 amperes per phase), and the heat load for the environmental air conditioning is considered to be 10.5 KVA. A refrigeration load of two tons should be anticipated assuming a normal electrical power factor condition.

3. Due to the special installation requirements, it is felt that the test and evaluation, operational suitability testing, and human factors testing, as planned, will be performed in the IEG location, thus eliminating a duplicate installation in the ESD area for test purposes.

4. It is requested that the necessary arrangements in the IEG area be made as soon as practical to provide for operation of the Scan & Search PI Station.

[ ]  
Chief, Research and Engineering Division  
NPIC

Distribution:

- Original - Addressee
- 1 - IEG [ ]
- 1 - Contract File
- 1 - RED/TSG/NPIC
- 1 - SDB/RED/TSG/NPIC

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